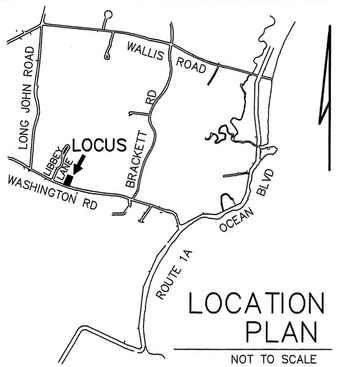


LOCATION PLAN

NOT TO SCALE

SOIL CLASS: 140 – CHATFIELD–HOLLIS–CANTON
(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL ROOT 20" SPRUCE EL 99.87
#2 SET NAIL @ FND NAIL MAPLE EL 101.49
#3 SET DRILL HOLE EL 106.40
#4 SET DRILL HOLE EL 103.74

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 101.0
2. THERE IS/ARE APPROX 1.0 FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 102) EQUALS 4" BELOW GRADE AT EL 101.3 – 64% OF BED AREA DOWNSLOPE

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.
COMPLY WITH ENV–WQ 1003.10 FOR IN–KIND REPLACEMENT

LEGEND:

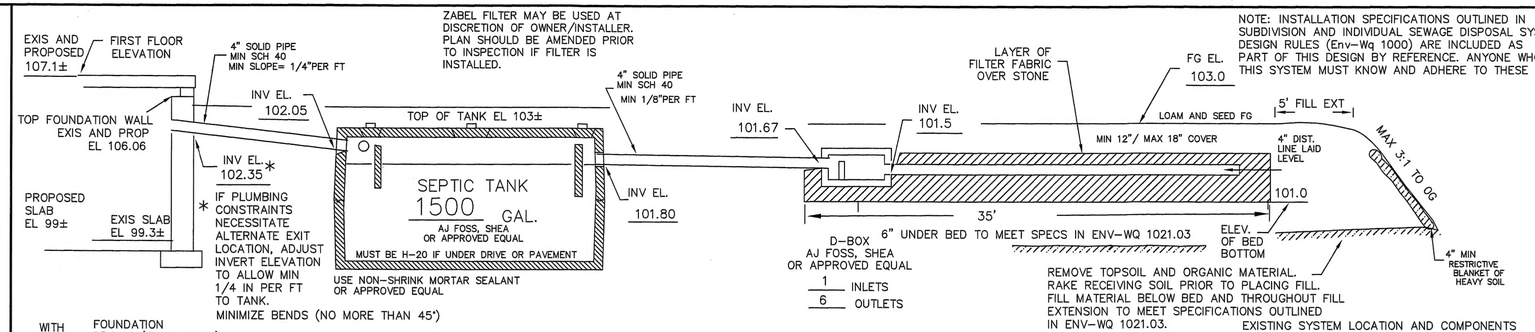
50 / (50) EXISTING CONTOUR
PROPOSED CONTOUR
50.0 EXISTING SPOT ELEVATION
(50.0) PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
   RCRD 5383–1374
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD PRE 1967
   SEE RCRD 690–462 (1914)
   PREVIOUS CONSTRUCTION APPROVALS: CA2004064425
   CA2006085412
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE.
   BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75'
   b) NO WELLS WITHIN 75' OF
   c) NO HYDRIC B SOILS WITHIN 50' PROPOSED
   d) NO HYDRIC A SOILS WITHIN 75' SYSTEM
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)
   INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
6. PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS.
   THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL

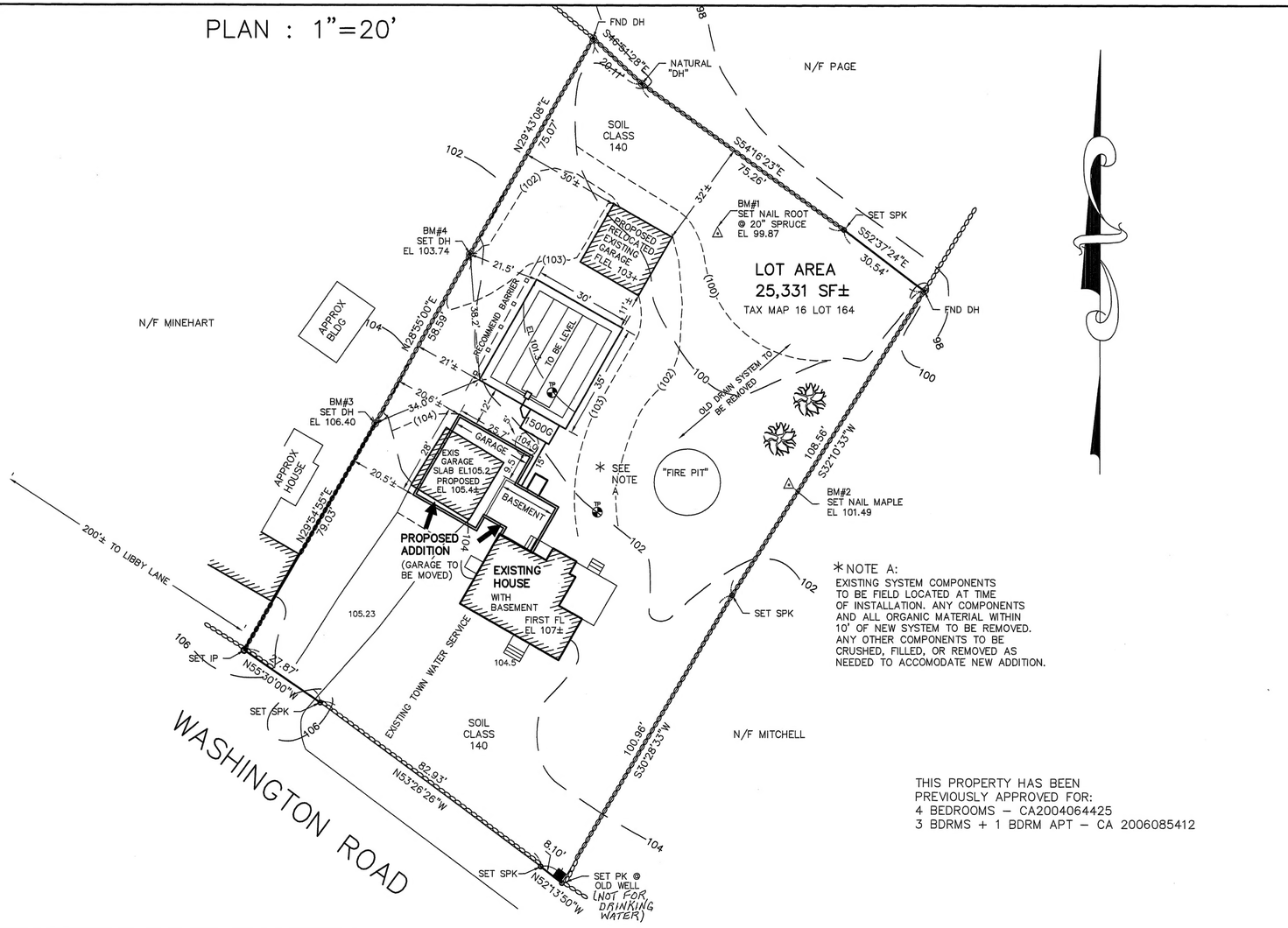
PLOT PLAN

1"=APPROX _____



CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'



THIS PROPERTY HAS BEEN PREVIOUSLY APPROVED FOR:
4 BEDROOMS – CA2004064425
3 BDRMS + 1 BDRM APT – CA 2006085412

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: JULY 29, 2013
TOWN INSPECTOR: DENNIS PLANTE

TEST PIT #1 EL 101.3

0 –14"	LOAM AND ROOT MAT (TO BE REMOVED)
14–32"	10YR4/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
32–60"	2.5Y5/4 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE WITH POCKETS FIRM IN PLACE
60–72"	2.5Y4/4 MEDIUM SAND, GRANULAR FRIABLE

ESHWT @ 52", NO OBSERVED WATER, NO REFUSAL
ROOTS TO 52"

TEST PIT #2 EL 102±

0 –12"	LOAM AND ROOT MAT (TO BE REMOVED)
12–30"	10YR5/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
30–52"	10YR4/6 GRAVELLY COARSE SAND, GRANULAR LOOSE
52–60"	2.5Y4/4 LOAMY SAND, GRANULAR FRIABLE

ESHWT @ 52", NO OBSERVED WATER, NO REFUSAL
ROOTS TO 36"+

PT PERC TEST DATA

DATE: PER PREVIOUS APPROVALS
PERC RATE: 6 MIN/IN
DESIGN LOADING: 4 BEDROOMS
AREA REQUIRED: 900 SQUARE FEET REQUIRED
AREA PROPOSED: 30' X 35' = 1050 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

LOCUS: 207 WASHINGTON ROAD
RYE, NH
TAX MAP 16 LOT 164

OWNER: SCOTT KIRSTE
207 WASHINGTON ROAD
RYE, NH 03870

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Anne W. Bielobrzeski No. 348 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: AUGUST 12, 2013

APPROVAL: CA2013114438
8/20/2013

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